



Docket No.: 62758-064

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277
Yutaka IGARASHI, et al. : Confirmation Number: 5631
Serial No.: 10/706,278 : Group Art Unit: 2681
Filed: November 13, 2003 : Examiner: To be Assigned
For: QUADRATURE MIXER CIRCUITS AND MOBILE TERMINAL USING THE SAME

REQUEST FOR CORRECTED FILING RECEIPT

Mail Stop OFR
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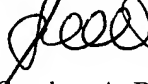
Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the Assignee information was omitted. Attached is a copy of the Assignment Document, which evidences that the Assignee information should read:

RENESAS TECHNOLOGY CORP. It is requested that a corrected filing receipt be issued.

Respectfully submitted,

MCDERMOTT, WILL & EMERY


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UNITED STATES PATENT AND TRADEMARK OFFICE

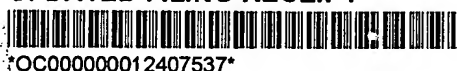
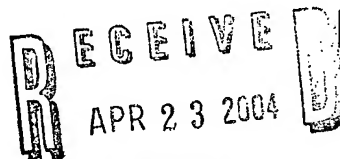
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/706,278	11/13/2003	2681	986	62758-064	13	19	4

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CONFIRMATION NO. 5631

UPDATED FILING RECEIPT



OC000000012407537

Date Mailed: 04/21/2004

MW&E

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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 Isao Ikuta, Yokohama, JAPAN;
 Akio Yamamoto, Hiratsuka, JAPAN;

Assignee: *RENESAS TECHNOLOGY CORP.*

Domestic Priority data as claimed by applicant

Foreign Applications

JAPAN 2002-329017 11/13/2002
 JAPAN 2003-361469 10/22/2003

If Required, Foreign Filing License Granted: 02/09/2004

Projected Publication Date: 07/29/2004

Non-Publication Request: No

Early Publication Request: No

Title

Quadrature mixer circuits and mobile terminal using the same

Preliminary Class

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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ASSIGNMENT

(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Renesas Technology Corp.
a corporation organized under the laws of Japan,
located at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Technology Corp.
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,
to be held and enjoyed by said Renesas Technology Corp.
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Renesas Technology Corp.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Yutaka Ogashiri</u>	<u>Nov. 21, 2003</u>
2) <u>Isao Ikuta</u>	<u>Nov. 21, 2003</u>
3) <u>Akio Yamamoto</u>	<u>Nov. 21, 2003</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____